

- c) identifying and associating the electrode with the complimentary proximal plug connection.
- 2. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:
  - a) applying an electrical voltage to the electrode;
  - b) detecting the electrical voltage on the proximal plug connection; and
  - c) identifying and associating the proximal connection with the corresponding complimentary electrode.

#### REMARKS

##### Rejection under 35 U.S.C. §112 (paragraph 1)

In the Office Action, a rejection was made under 35 U.S.C. §112 (paragraph 6) to claims 1 and 2.

Kindly amend the claims to read as set forth above. Applicant has provided an additional sheet showing a marked up version of the claims indicating where changes have been made.

In general the Applicant has amended the claims to conform the claim language with the disclosure presented on page 11, lines 10-33.

The Examiner has rejected the claims as unsupported by the specification. The amended claims clarify the specific method steps called for by Applicant. For example, the applying step refers to the application of a voltage to a proximal connection and then detecting the presence of that voltage on a specific one of the wire electrode sites at the distal end identifying the site of a particular electrode. The match between the applied voltage and the detected voltage is used to both identify and associate the distal electrode with a proximal connector pin. This process is symmetrical and in some instances it may be preferable to supply the electrical signal to the electrode while

detecting the presence of that voltage at the proximal end which is the complimentary concept set forth in claim 2.

The use of voltage to address an electrode is supported in the spec on page 11 at line 24. The detection process is disclosed on line 26 and the association process is described on lines 26 through 29.

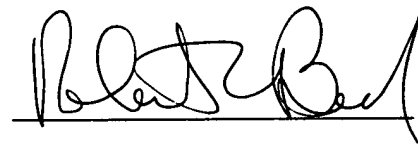
### CONCLUSION

All of the claims remaining in this application should now be seen to be in condition for allowance. The prompt issuance of a notice to that effect is solicited.

Respectfully submitted,  
ENDOCARDIAL SOLUTIONS, INC.  
By its attorneys:

Date: \_\_\_\_\_

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Robert C. Beck  
Registration No. 28,184  
Beck & Tysver, P.L.L.C.  
2900 Thomas Ave., #100  
Minneapolis, MN 55416  
Telephone: (612) 915-9635  
Fax: (612) 915-9637